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(12) United States Patent

Denkins et al.

(54) DRYWALL JOINT COMPOUND PUMP WORKSTATION

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See application file for complete search history.

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(57) ABSTRACT

A portable drywall joint compound pump workstation has a joint compound supply reservoir with an open top and closed bottom removably attached to a wheeled framework. The workstation further has a pump assembly including a pump control removably connected to the framework for pumping joint compound from the supply reservoir to a workstation outlet extending from the pump control. The pump assembly includes a high pressure cylinder connected to a valve and quick coupling arrangement which, in turn, is in communication with the supply reservoir through the bottom end thereof. A discharge line extends between the high pressure cylinder and the pump control for feeding joint compound from the supply reservoir to the pump control. A first discharge port is provided on the pump control for continuously feeding a variety of drywall finishing tools. A second discharge port is provided on the pump control for supplying wash down water to clean tools or act as a source of high pressure fluid. A purge line runs between the pump control and the supply reservoir for priming, recirculating and mixing drywall compound in the reservoir.

8 Claims, 1 Drawing Sheet

